

ICC **INDOFINE Chemical Company, Inc.**

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Catalog Number: 22-334

Product Name: **3,6,3'-TRIHIDROXYFLAVONE**

Lot Number: 0103036

Chemical Formula: C₁₅H₁₀O₅

Molecular Weight: 270.25

Melting Point: Above 290°C

Appearance: Pale cream powder

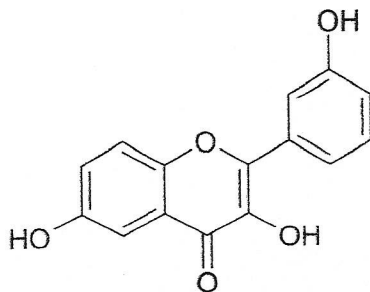
Solubility: Soluble in DMSO

TLC Chloroform:Methanol (9:1)

NMR Spectrum: Enclosed (Confirms to the structure)

Storage: Cool and dry place

Purity (HPLC): 98.69%





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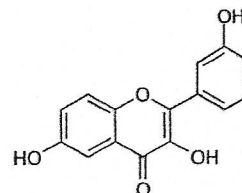
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HPLC ANALYSIS

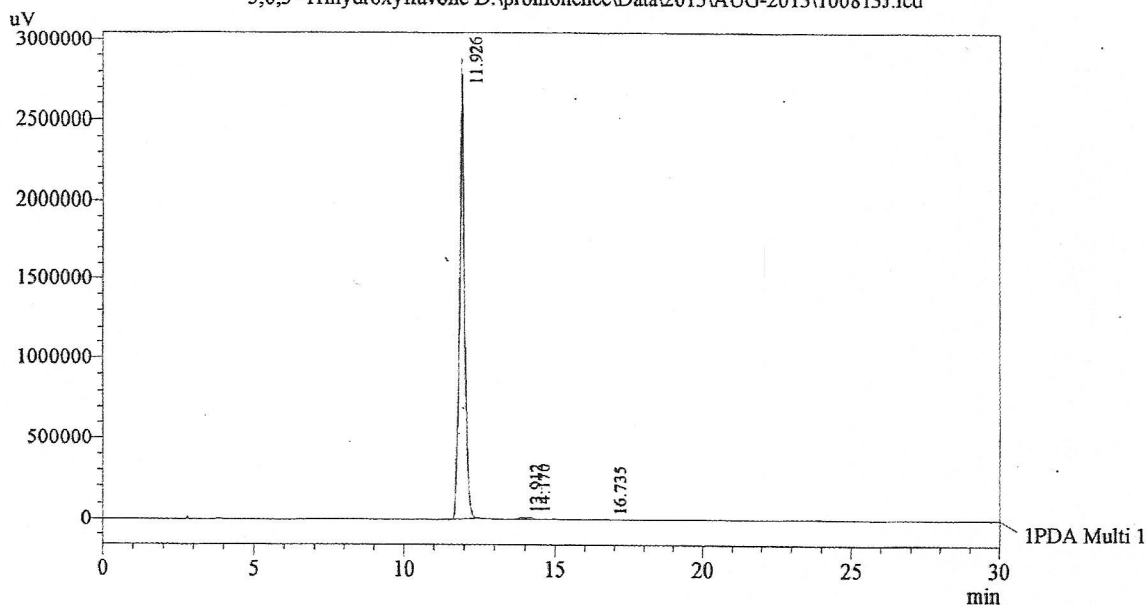
Acquired by : Sanjeev
Sample Name : 3,6,3'-Trihydroxyflavone
Sample ID : Lot No :0103036
Injection Volume : 20 uL
Data Filename : 100813J.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: 22-334
Product Name: 3,6,3'-Trihydroxyflavone
Lot No.: 0103036



Column : LUNA C-18(2), (250mm x4.6mm 5.0μ)
Flow : 1.000 mL/min.
Mobile Phase : A(0.05% TFA in water) B(Acetonitrile)
0.01 90 10
12.0 10 90
20.0 10 90
23.0 90 10
30.0 90 10
Diluent : Methanol

Chromatogram
3,6,3'-Trihydroxyflavone D:\promonence\Data\2013\AUG-2013\100813J.lcd



1 PDA Multi 1 / 254nm 4nm

PeakTable

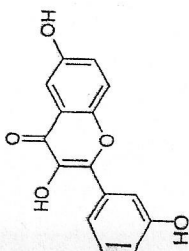
PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	3,6,3'-Trihydroxyflavone	11.926	31668644	98.69	1.00
2	RT:13.912	13.912	173831	0.54	1.17
3	RT:14.170	14.170	204258	0.64	1.19
4	RT:16.735	16.735	40849	0.13	1.40
Total			32087581	100.00	



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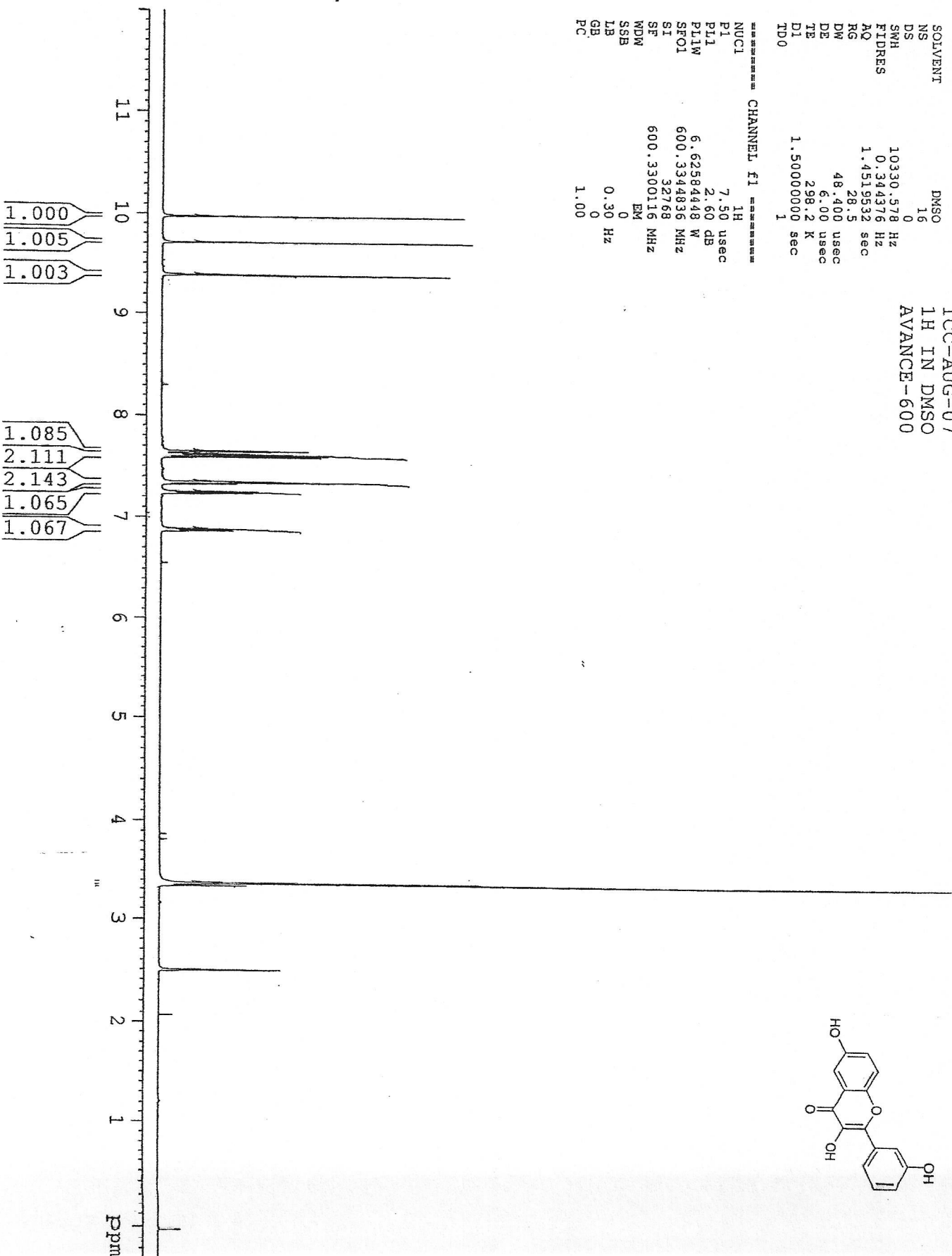
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 Product Name: 3,6,3'-Trihydroxyflavone
 Lot No.: 0103036



ICC-AUG-07
 1H IN DMSO
 AVANCE-600

SOLVENT DMSO
 NS 16
 DS 0
 SMH 10330.578 Hz
 FIDRES 0.344376 Hz
 AQ 1.4519532 sec
 RG 28.5
 DW 48.400 usec
 DE 6.00 usec
 TE 298.2 K
 D1 1.50000000 sec
 TD0 1

***** CHANNEL f1 *****
 NUC1 1H
 P1 7.50 usec
 PL1 2.60 dB
 PL1W 6.62584448 W
 SFO1 600.3344836 MHz
 SI 32768
 SF 600.3300116 MHz
 MDM EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00





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===== CHANNEL f1 =====
 NUCL1 1H
 P1 7.50 usec
 P1L1 2.60 dB
 P1LW 6.62584448 W
 SFO1 600.3344836 MHz
 SI 3.768
 SF 600.3300116 MHz
 MDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

